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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY India

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SUBJECT Power Plant of the Birla Jute Mills

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1. Thermal electric power plant

Name and location: The Birla Jute Mills, near Calcutta.

2. Ownership: The Birla Jute Manufacturing Company Ltd - a joint stock corporation.
3. General: The mills began operations about 1930. They were constructed near Calcutta due to availability of raw jute and good water transportation.
4. Primary function and use: The power generated is used for the manufacture of jute bags, jute carpets, and other jute products.
5. Installed capacity: Approximately 8,000 KW.
6. Generating units: Three. One about 4000 KW and two of about 2000 KW each. Generating Voltage 440V. Current characteristics DC - 3 wire - 440V between outers /outers 27.
7. Boilers: Water tube boilers - steam pressure about 400 lbs per square inch - temperature about 650°F. Mechanical firing. Auxiliary boiler feed - reciprocating and centrifugal.
8. Water supply: source - tube wells. Quality - hard. Type of treatment - lime.
9. Fuel: Low calorie coal, delivered by barges, from collieries within the province of West Bengal.
10. Transformers: Nil

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11. Transmission: Nil. Distribution within the Factory - DC, 3-wire - 440V between outers /outers 17/.
12. Auxiliary equipment: Each turbo unit connected to a steam condenser. Fully equipped machine shops and foundry.

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